

LITE-NET

Air & water for healthy trees



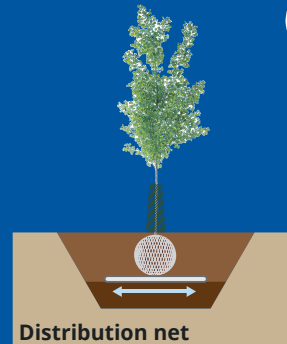
www.lite-soil.com/en

LITE-**NETS** are underground supply and distribution networks for air & water.

As biodegradable **vegetation nets**, they are simply wrapped around the root ball and installed when planting new trees. On the surface, they absorb air and water and efficiently guide it over large areas exactly to where it is most needed: close to the roots.

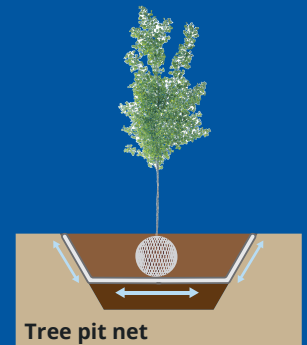
In this way they replace the conventional pipe systems – especially in combination with the LITE-**NET** tree pit nets which are inserted covering the surface of the tree pit.

Vegetation nets greatly reduce water consumption and are therefore also the ideal underground system supplement when irrigation bags or watering edges are used.



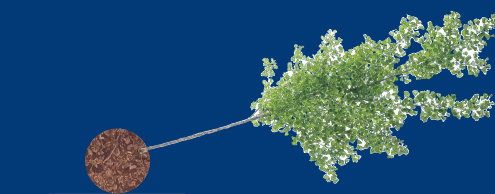
A LITE-**NET** **distribution net** inserted underneath the vegetation net directs air, water and roots into the width and serves as an additional reservoir.

It can also be used to guide the roots under paved surfaces, drain tree pits and increase tree stability.



With the LITE-**NET** **tree pit nets**, the roots of trees that have already grown are permanently supplied with air and water.

VEGETATION NET INSTALLATION



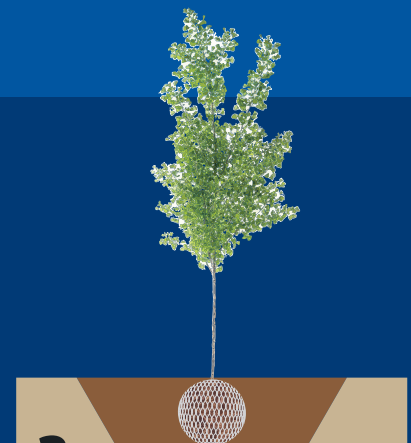
1.

Place root ball on net
Wrap net around root ball and fix



2.

Dig the tree pit
Insert the tree into the pit



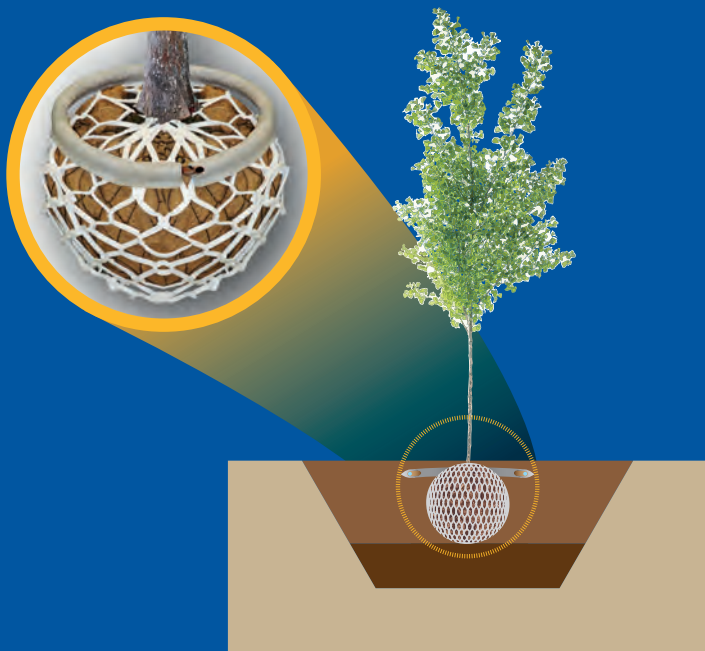
3.

Fill the pit
Open the net at the top and cover



ADVANTAGES

- + Large-area water & air supply of the tree roots
- + Very cost-effective and cost-saving
- + Extension of irrigation intervals
- + Simple and easy to install
- + No buckling, clogging or excessive draining past the roots
- + Roots grow through net openings



BLUELITE-NET: The underground irrigation system for trees

The new **BLUELITE-NET** system is ideal for automatic and cost-saving watering of trees.

In the case of existing trees, a geotextile-covered irrigation pipe is guided around the trunk in a ring at a depth of approx. 5-10 cm and connected to a branch line.

When planting new trees, the irrigation ring is placed on a **vegetation net**. This ensures that the water is directed effectively and evenly to the roots.

Further advantages: No clogging of the irrigation openings by roots or fine particles. The escaping water is distributed capillary in the geotextile protection and irrigates the environment evenly over a very large contact area. Protection of the irrigation pipes against vandalism and UV influence. Personnel costs and water consumption are significantly reduced.



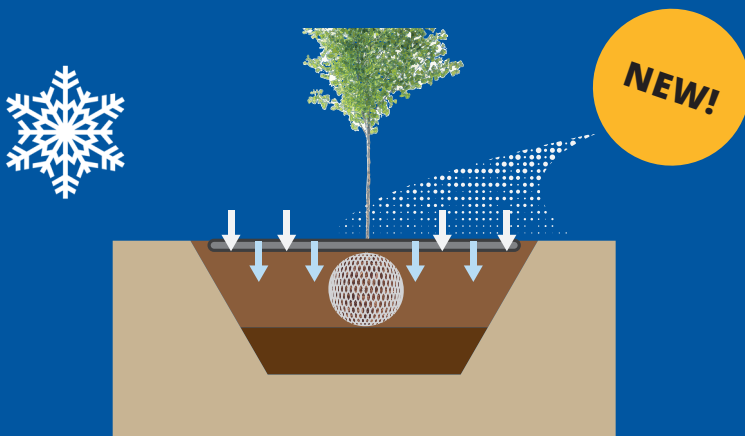
LITE-ROOTPROTECT: The biodegradable root protection

On construction sites, the innovative root protection bandage not only protects exposed tree roots from sunlight and damage, but also keeps them permanently moist. Since the **LITE-ROOTPROTECT** is biodegradable, it can be kept in place at the end of the construction process.



LITE-STRIPS: The water reservoir close to the roots

LITE-STRIPS are water storage strips which increase the water storage capacity of the substrate and at the same time aerify it. Simply mix 10-20 l per pit near the root ball into the soil. **LITE-STRIPS** can be combined very well with **LITE-NET vegetation nets**.



SALTFIX-MAT: The filter mat for protection against road salt

Simply inserted on top of the tree pit, the filter mat binds road salt for many years. This prevents damage to the tree and compaction of the soil.

